

AMENDMENTS TO THE CLAIMS

1. (Currently amended): A method of increasing the yield of a plant comprising:

a. transforming a plant with a DNA construct comprising one or more DNA sequence(s) coding for invertase operably linked to an alcA promoter and optionally operably linked to a transcription terminator; ~~wherein said inducible promoter region comprises the alcA promoter and a DNA sequence~~ encoding the alcR regulatory protein operably linked to a tissue specific or constitutive promoter; and

b. controlling the level, time and spatial location of expression of said DNA sequence(s) from said inducible promoter region by application of an external chemical inducer comprising alcohols or ketones whereby the yield of said transgenic plant is increased.

2-15. (Cancelled)

16. (Presently amended): Plant tissue transformed with a DNA construct according to claim[[s 11, 13, or 14]] 1.

17-18. (Cancelled)

19. (Previously presented): Plants regenerated from plant tissue according to claim 16.

20. (Cancelled)

21. (New) The method of increasing the yield of a plant according to claim 1 wherein said tissue specific promoter is a tuber specific promoter.

22. (New) The method of increasing the yield of a plant according to claim 21, wherein said tuber specific promoter is a patatin promoter.

23. (New) The method of increasing the yield of a plant according to claim 21, wherein said tuber specific promoter comprises -1512 to +14 of the patatin gene B33.

24. (New) The method of increasing the yield of a plant according to claim 1, wherein said plant is a tobacco plant.

25. (New) The method of increasing the yield of a plant according to claim 1, wherein said plant is a potato plant.

27. (New) The method of increasing the yield of a plant according to claim 25, wherein said tissue specific promoter is a tuber specific promoter.